

Regulated low voltage power supply pin connecting such that it conducts regulated power from the motor operator to the pin or from external power into the pin.

Power-enable pin connects such that when switched to stated ground pin, stated low voltage power supplies enable both the motor operator and the stated data-buss connector power pins.

Obstruction sensing or edge pin connecting such that an obstruction signal sent to the motor operator enables the pin or such pin can also send an obstruction signal to the motor operator.

ABSTRACT OF THE DISCLOSURE

This invention discloses an electronic control system for an Industrial Motor Operator that uses standard steady state logic to improve reliability in rough service wet and dirty environments. It includes means of providing electronic snow limit to close limit sensing removing the need for two switches and radically improving its accuracy. A low voltage switch reverses the high voltage motor wires and at the same time reverses the open limit, close limit, and snow limit sensors mechanical positions. It discloses a system using lamps to indicate that the power wiring is connecting to three-phase motors in the correct sequence or that single-phase motors have their windings correctly phased.